

Received: 1-14-04

Sheet 1 of 7

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-2475		SERIAL NO. 10/757,276	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Kevin L. Beaman et al.			
				FILING DATE January 14, 2004		GROUP 2813	
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>S.W.S.</i>	AA	5,032,545	07/91	Doan et al.	—	—	
<i>S.W.S.</i>	AB	5,436,481	07/95	Egawa et al.	—	—	
<i>S.W.S.</i>	AC	5,378,645	01/95	Inoue et al.	—	—	
<i>S.W.S.</i>	AD	5,258,333	11/93	Shappir et al.	—	—	
<i>S.W.S.</i>	AE	5,518,946	05/96	Kuroda	—	—	
<i>S.W.S.</i>	AF	5,445,999	08/95	Thakur et al.	—	—	
<i>S.W.S.</i>	AG	5,382,533	01/95	Ahmad et al.	—	—	
<i>S.W.S.</i>	AH	5,663,077	09/97	Adachi et al.	—	—	
<i>S.W.S.</i>	AI	5,026,574	06/91	Economu et al.	—	—	
<i>S.W.S.</i>	AJ	5,612,558	03/97 11/96	Harshfield	—	—	
<i>S.W.S.</i>	AK	5,719,083	02/98 06/96	Komatsu	—	—	
<i>S.W.S.</i>	AL	5,760,475	06/98 11/96	Cronin	—	—	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
<i>S.W.S.</i>	AM	WO 96/39713	12/96	PCT	—	—	
	AN						
	AO						
	AP						
	AQ						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
<i>S.W.S.</i>	AR	Wolf, S., "Silicon Processing for the VLSI Era", Lattice Press 1990, Vol. 2, pp. 212-213.					
<i>S.W.S.</i>	AS	Wolf, S., "Silicon Processing for the VLSI Era", Lattice Press 1990, Vol. 2, pp. 188-189, 194-195, 609-614.					
<i>S.W.S.</i>	AT	Ko, L. et al., "The Effect of Nitrogen Incorporation into the Gate Oxide by Using Shallow Implantation of Nitrogen and Drive-In Process", IEEE 1996, pp. 32-35.					
EXAMINER <i>Stephen W. Smoot</i>				DATE CONSIDERED August 3, 2005			
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U.S. PATENT DOCUMENTS									
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
S.W.S.	AA	5,834,372	11/98	Lee	—	—			
S.W.S.	AB	5,619,057	04/97	Komatsu	—	—			
S.W.S.	AC	5,663,036	09/97	Seaborn et al. Conley et al.	—	—			
S.W.S.	AD	6,054,396	04/00	Doan	—	—			
S.W.S.	AE	6,174,821	01/01	Doan	—	—			
S.W.S.	AF	5,939,750	08/99	Early	—	—			
S.W.S.	AG	5,254,489	10/93	Nakata	—	—			
S.W.S.	AH	5,464,792	11/95	Tseng et al.	—	—			
S.W.S.	AI	5,620,908	04/97	Inoh et al.	—	—			
S.W.S.	AJ	5,716,864	02/98	Abe	—	—			
S.W.S.	AK	5,972,783	10/99	Arai et al.	—	—			
	AL	6,093,661	07/00	Twivedi et al.	—	—			
FOREIGN PATENT DOCUMENTS									
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	AN	/	/	/	/	/	/	/	
	AO	/	/	/	/	/	/	/	
	AP	/	/	/	/	/	/	/	
	AQ	/	/	/	/	/	/	/	
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)									
S.W.S.	AR		Doyle, B. et al., "Simultaneous Growth of Different Thickness Gate Oxides in Silicon CMOS Processing", IEEE Vol. 16 (7), July 1995, pp. 301-302.						
S.W.S.	AS		Kuroi, T. et al., "The Effects of Nitrogen Implantation Into P+Poly-Silicon Gate on Gate Oxide Properties", 1994 Sympos. on VLSI Technology Digest of Technical Papers, IEEE 1994, pp. 107-108.						
S.W.S.	AT		Liu, C.T. et al., "Multiple Gate Oxide Thickness for 2GHz System-on-a-Chip Technologies", IEEE 1998, pp. 589-592.						
EXAMINER		Stephen W. Smoot			DATE CONSIDERED				
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U.S. PATENT DOCUMENTS							
* Examiner Initial	Class	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
S.W.S.	AA	5,994,749	11/99	Oda	—	—	
S.W.S.	AB	5,674,788	10/97	Wristers et al.	—	—	
S.W.S.	AC	5,596,218	01/97	Soleimani et al.	—	—	
S.W.S.	AD	5,960,302	09/99	Ma et al.	—	—	
S.W.S.	AE	6,207,532 B1	03/01	Lin et al.	—	—	
S.W.S.	AF	5,633,036	05/97	Seebauer et al.	—	—	
S.W.S.	AG	6,114,203	09/00	Ghidini et al.	—	—	
S.W.S.	AH	6,110,842	08/00	Okuno et al.	—	—	
S.W.S.	AI	6,091,110	07/00	Herbert et al.	—	—	
S.W.S.	AJ	5,330,920	07/94	Soleimani et al.	—	—	
S.W.S.	AK	6,140,187	10/00	DeBusk et al.	—	—	
S.W.S.	AL	6,197,701 B1	03/01	Shue et al.	—	—	

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
/	AM	/	/	/	/	/	/	/
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
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EXAMINER <i>Stephen W. Smart</i>	DATE CONSIDERED August 3, 2005
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U.S. PATENT DOCUMENTS								
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S.W.S.	AA	6,091,109	07/00	Hasegawa	—	—		
S.W.S.	AB	6,080,682	06/00 09/00	Ibok	—	—		
S.W.S.	AC	5,685,949	11/97	Yashima	—	—		
S.W.S.	AD	6,268,296 B1	07/01	Misium et al.	—	—		
S.W.S.	AE	6,232,244 B1	05/01	Ibok	—	—		
S.W.S.	AF	6,255,703 B1	07/01	Hause et al.	—	—		
S.W.S.	AG	6,274,442 B1	08/01	Gardner et al.	—	—		
S.W.S.	AH	6,228,701 B1	05/01	Dehm et al.	—	—		
S.W.S.	AI	6,136,636	10/00	Wu	—	—		
S.W.S.	AJ	6,033,998	03/00	Aronowitz et al.	—	—		
S.W.S.	AK	6,057,220	05/00	Ajmera et al.	—	—		
S.W.S.	AL	6,087,229	07/00	Aronowitz et al.	—	—		
FOREIGN PATENT DOCUMENTS								
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U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
S.W.S.	AA	5,998,253	12/99	Loh et al.	—	—		
S.W.S.	AB	5,763,922	06/98	Chau	—	—		
S.W.S.	AC	6,225,167 B1	05/01	Yu et al.	—	—		
S.W.S.	AD	5,960,289	09/99	Tsui et al.	—	—		
S.W.S.	AE	5,972,800	10/99	Hasegawa	—	—		
S.W.S.	AF	6,146,948	11/00	Wu et al.	—	—		
S.W.S.	AG	6,362,035 B1	03/02	Yu et al.	—	—		
S.W.S.	AH	5,164,331	11/92	Lin et al.	—	—		
S.W.S.	AI	5,318,924	06/94	Lin et al.	—	—		
S.W.S.	AJ	5,449,631	09/95	Giewont et al.	—	—		
S.W.S.	AK	5,518,958	05/96	Giewont et al.	—	—		
S.W.S.	AL	6,201,303 B1	03/01	Ngo et al.	—	—		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
/	AI	/	/	/	/	/	/	/
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*Examiner Initial	Class	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
S.W.S.	AA	6,359,445 B1	06/02	Hattangady et al.	—	—	
S.W.S.	AB	6,331,492 B2	12/01	Misium et al.	—	—	
S.W.S.	AC	6,080,629	06/00	Gardner et al.	—	—	
S.W.S.	AD	5,970,345	10/99	Hattangady et al.	—	—	
S.W.S.	AE	5,885,877	03/99	Gardner et al.	—	—	
S.W.S.	AF	6,323,114 B1	11/01	Hattangady et al.	—	—	
S.W.S.	AG	6,184,110 B1	02/01	Ono et al.	—	—	
S.W.S.	AH	5,837,598	11/98	Aronowitz et al.	—	—	
S.W.S.	AI	6,450,116 B1	09/02	Noble et al.	—	—	
S.W.S.	AJ	4,605,447	08/86	Brotherton et al.	—	—	
S.W.S.	AK	6,207,586 B1	03/01	Ma et al.	—	—	
S.W.S.	AL	5,837,592	11/98	Chang et al.	—	—	
S.W.S.	AM	5,334,554	08/94	Lin et al.	—	—	
S.W.S.	AN	6,297,162 B1	10/01	Jang et al.	—	—	
S.W.S.	AO	6,436,771 B1	08/02	Jang et al.	—	—	

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Class	Subclass	Document Number	Date	Country	Class	Subclass	Translation
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S.W.S.	AA	6,413,881 B1	07/02	Aronowitz et al.	—	—		
S.W.S.	AB	6,110,780	08/00	Yu et al.	—	—		
S.W.S.	AC	5,861,651	01/99	Brasen et al.	—	—		
S.W.S.	AD	5,840,610	11/98	Gilmer et al.	—	—		
S.W.S.	AE	5,500,380	03/96	Kim	—	—		
S.W.S.	AF	6,410,991 B1	06/02	Kawai, et al.	—	—		
S.W.S.	AG	6,482,690 B2	11/02	Shibata	—	—		
S.W.S.	AH	6,492,690 B2	12/02	Ueno, et al.	—	—		
S.W.S.	AI	US 2003/0034518 A1	02/03	Yoshikawa	—	—		
S.W.S.	AJ	6,399,448 B1	06/02	Mukhopadhyay, et al.	—	—		
S.W.S.	AK	6,171,900	01/01	Sun	—	—		
S.W.S.	AL	6,093,661	07/00	Trivedi et al.	—	—		
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8/2/04	AA	6,399,520 B1	06/04/02	Kawakami et al.	—	—	
8/2/04	AB	6,100,163	08/01/00	Jong et al.	—	—	
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